

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Sakae Tsuda et al. Art Unit : Unknown  
Serial No. : 10/549,874 Examiner : Unknown  
Filed : September 15, 2005  
Title : METHOD OF INHIBITING FREEZE CONCENTRATION OF SUBSTANCE IN HYDROUS MATERIAL, METHOD FOR INHIBITING INACTIVATION OF BIOACTIVE SUBSTANCE, AND METHOD FOR PRODUCING FROZEN PRODUCT OR FREEZE-DRIED PRODUCT CONTAINING HOMOGENEOUSLY DISPERSED COMPONENT

**MAIL STOP PCT**

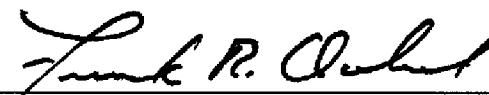
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF SUBSTITUTE PTO FORM 1449**

Enclosed is a substitute PTO Form 1449 for the above-referenced application. The initial PTO Form 1449 which was filed with the application had typographical errors on it.

Applicants submit that no new matter is introduced by this substitute PTO Form 1449.  
Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

  
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Date: March 20, 2006

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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 19758-002US1	Application No. 10/549,874
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Sakae Tsuda et al.		
		Filing Date Herewith	Group Art Unit	

<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes      No
	AH	JP 10-508759	09/02/1998	Japan			Equivalent to US 5,620,732
	AI	JP 2000-515753	11/28/2000	Japan			Abstract
	AJ	JP 2000-515751	11/28/2000	Japan			Abstract
	AK	JP 2003-530406	10/14/2003	Japan			Abstract
	AL	JP 2003-284937	10/07/2003	Japan			Abstract
	AM	WO 90/13571	11/15/1990	WIPO			
	AN	WO 96/39878	12/19/1996	WIPO			
	AO	WO 98/04147	02/05/1998	WIPO			
	AP	WO 98/04699	02/05/1998	WIPO			
	AQ	WO 01/78505	10/25/2001	WIPO			

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
	AR	
	AS	

Examiner Signature	/Kagnew Gebreyesus/	Date Considered	09/14/2010
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			